Peak District National Park

Forecast valid from 00:00 on Monday 18 Apr 2022 until 23:59 on Tuesday 19 Apr 2022

Forecast Issued on Sunday 17 Apr 2022 at 14:24

Confidence: High confidence for the start of the week, moderate confidence for high pressure developing during the week but low confidence in details.

Headline for Monday 18 Apr 2022: Mostly cloudy, some sunny spells in the afternoon.

Mountain weather hazards on Monday 18 Apr 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Fog	Dull	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability							
60%	30%	20%	30%	30%	30%	10%	<05%

Forecast for Monday 18 Apr 2022

Weather: Heavy showers easing in the early hours of the morning but low cloud persisting until after dawn. Cloud then lifting clear of the summits during the morning and breaking up to allow some brief sunny spells. Chance of rain showers later, but mostly light and short-lived. Skies clearing into the evening. Temperatures slightly cooler than previous days, feeling chilly in the early morning.

Chance of cloud-free hill tops above 600m: 30% increasing during the morning to 100%.

Low cloud and visibility: Poor visibility as low cloud base 400-500m covers summits, improving to very good visibility early in the morning and cloud base lifts above summits.

Forecast for Monday 18 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 SW	16/22 SW	15/20 SW	14/20 W	12/17 SW	10/15 W	6/10 W	5/8 N	7/9 N
300	8/12 S	11/17 SW	10/16 SW	11/16 W	10/16 W	7/12 W	5/8 NW	5/7 N	4/6 NE
Valley	5/10 S	8/16 SW	7/15 SW	8/16 W	9/17 W	6/12 NW	5/9 NW	4/8 N	4/7 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	6/1	5/0	5/1	6/3	7/4	7/5	5/3	4/2
300	9/7	8/5	6/3	8/5	9/7	10/8	10/8	7/6	6/5
Valley	10/9	8/6	7/5	8/6	11/8	11/10	10/9	7/6	6/5
Freezing Level*	1700m	1400m	1200m	1200m	1200m	1200m	1100m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A fine day, particularly during the afternoon when winds ease and temperatures pick up. Change of strong sunlight in sunny spells so UV protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 17 Apr 2022	0mm	0mm	0mm

Forecast for Tuesday 19 Apr 2022

Weather: A mostly bright and sunny start with scattered cloud developing during the morning. Cloud thickening through the afternoon with a chance of a light shower. Feeling slightly milder than Monday with light winds.

Maximum wind: Northerly 8mph gusting 15mph

Chance of cloud-free hill tops above 600m: 100%

Low cloud and visibility: Excellent visibility through the day, even when becoming overcast in the afternoon with cloud bases well above summits.

Temperature: **Valleys:** Plus 3 Celsius increasing to 10 Celsius
At 600m: Plus 5 Celsius
Freezing level: Above summits.